

# LANNATE

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/07/2023	800080006110	Date of first issue: 02/07/2023

Corteva Agriscience<sup>™</sup> encourages you and expects you to read and understand the entire SDS as there is important information throughout the document. This SDS provides users with information relating to the protection of human health and safety at the workplace, protection of the environment and supports emergency response. Product users and applicators should primarily refer to the product label attached to or accompanying the product container. This Safety Data Sheet adheres to the standards and regulatory requirements of Canada and may not meet the regulatory requirements in other countries.

### **SECTION 1. IDENTIFICATION**

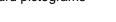
	Product name Other means of identification	•	LANNATE No data available
	Manufacturer or supplier's d	leta	ails
	COMPANY IDENTIFICATION	I	
	Manufacturer/importer	:	CORTEVA AGRISCIENCE CANADA COMPANY #2450, 215 - 2ND STREET S.W. CALGARY AB, T2P 1M4 CANADA
	Customer Information	:	800-667-3852
	E-mail address	:	solutions@corteva.com
	Emergency telephone number	:	CANUTEC
			1-888-226-8832
	Recommended use of the ch		nical and restrictions on use
	Recommended use	:	Insecticide
	Restrictions on use	:	Do not use product for anything outside of the above specified uses.
SE	CTION 2. HAZARDS IDENTIFIC	CA	TION
	GHS classification in accord	lan	ce with the Hazardous Products Regulations
	Acute toxicity (Oral)	:	Category 2
	Acute toxicity (Inhalation)	:	Category 2

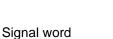
Specific target organ toxicity	:	Category 3 (Central nervous system)
<ul> <li>single exposure</li> </ul>		

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### GHS label elements

Hazard pictograms





Hazard statements



: H300 + H330 Fatal if swallowed or if inhaled. H336 May cause drowsiness or dizziness.

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Pre	cautionary statemen	Preven P260 [ P264 \ P270 [ P271 \	Do not breathe d Wash skin thoro Do not eat, drink	ughly after handling. or smoke when using this product. rs or in a well-ventilated area.		
		P301 - POISC P304 - and ke	Response: P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth. P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.			
		P403 - tightly	<b>Storage:</b> P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.			
		<b>Dispo</b> P501 [ posal p	Dispose of conte	nts/ container to an approved waste dis-		
	<b>ner hazards</b> ne known.					
Sub	N 3. COMPOSITION ostance / Mixture	V/INFORMATION : Mixture		NTS		
	mponents		•			
Che	emical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)		
me	thomyl (ISO)	methomyl (ISO)	16752-77-5	90		
	orphous precipitat- silica	Amorphous precipitated silica	112926-00-8	>= 3 - < 10 *		

\* Actual concentration or concentration range is withheld as a trade secret

### **SECTION 4. FIRST AID MEASURES**

General advice	<ul> <li>For medical emergencies involving this product, call toll free 1- 888-226-8832. See Label for Additional Precautions and Di- rections for Use.</li> <li>ATROPINE IS AN ANTIDOTE - SEEK MEDICAL ATTENTIONAT ONCE IN ALL CASES OF SUSPECTED POISONINGS.</li> <li>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</li> </ul>
If inhaled	Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Move to fresh air.
	Artificial respiration and/or oxygen may be necessary. Call a poison control center or doctor for treatment advice.
In case of skin contact	: Take off all contaminated clothing immediately. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
In case of eye contact	: Hold eye open and rinse slowly and gently with water for 15- 20 minutes.

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lf swa	allowed	then co Call a p : Call a p If swallo twice to finger.	contact lenses, if present, after the first 5 minutes, nue rinsing eye. son control center or doctor for treatment advice. risician or poison control centre immediately. ed, drink 1 or 2 glasses of water and try once or iduce vomiting by touching the back of throat with	
	important symptoms effects, both acute and red	Induce vomiting if person is conscious. Never give anything by mouth to an unconscious person Poisoning produces effects associated with anticholinest activity which may include: Weakness blurred vision Headache Nausea Abdominal pain discomfort in the chest constriction of pupils Sweating slow pulse		
Notes	s to physician	Adminis atropini Howeve ganoph be used ment as Artificia Allow n full reco Morphir 2-PAM	ritching , 2-PAM and oxime therapy are contra-indicated. r atropine sulphate as an antidote until complete tion (1.2-2.0 mg i.v. every 10-30 minutes). for exposure to methomyl in combination with or- phorous insecticides, 2-PAM (1-2 g slow i.v.) may s required to supplement the atropine sulfate treat- escribed above. espiration and/or oxygen may be necessary. urther exposure to any cholinesterase inhibitor until ery is assured. , 2-PAM and oxime therapy are contra-indicated. ay be used as an antidote in conjunction with atro- nate but must not be used alone.	

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam
Unsuitable extinguishing media	:	Dry chemical
Specific hazards during fire- fighting	:	Exposure to combustion products may be a hazard to health. Applying foam will release significant amounts of hydrogen gas that can be trapped under the foam blanket. Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion prod- ucts	:	During a fire, smoke may contain the original material in addi- tion to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon oxides Nitrogen oxides (NOx) Isocyanates Hydrogen cyanide (hydrocyanic acid) Sulphur oxides
Specific extinguishing meth- ods	:	_ '

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		ventilated or confined areas and result in flash fire or explo- sion if ignited. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers.			
F	urther information	: Collect conta must not be c Fire residues	minated fire extinguishing water separately. This lischarged into drains. and contaminated fire extinguishing water must of in accordance with local regulations.		
	pecial protective equipment or firefighters	: Wear self-cor essary.	ntained breathing apparatus for firefighting if nec-		

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Avoid dust formation. Avoid breathing dust. Use personal protective equipment. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
Environmental precautions	:	If the product contaminates rivers and lakes or drains inform respective authorities. Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. Prevent from entering into soil, ditches, sewers, underwater. See Section 12, Ecological Information.
Methods and materials for containment and cleaning up	:	Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in. Pick up and arrange disposal without creating dust. Recovered material should be stored in a vented container. The vent must prevent the ingress of water as further reaction with spilled materials can take place which could lead to over- pressurization of the container. Keep in suitable, closed containers for disposal. Sweep up or vacuum up spillage and collect in suitable con- tainer for disposal. See Section 13, Disposal Considerations, for additional infor- mation.

### SECTION 7. HANDLING AND STORAGE

Local/Total ventilation Advice on safe handling	:	Use with local exhaust ventilation. Provide sufficient air exchange and/or exhaust in work rooms. Do not breathe vapours/dust. Do not smoke. Handle in accordance with good industrial hygiene and safety practice. Avoid exposure - obtain special instructions before use. Smoking, eating and drinking should be prohibited in the ap- plication area. Avoid inhalation of vapour or mist.
		Avoid contact with skin and eyes.





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	ditions for safe storage	Take care to pre- environment. Use appropriat refer to Section Store in a close Containers whit kept upright to Keep in proper Store in accord	ch are opened must be carefully resealed and prevent leakage. ly labelled containers. lance with the particular national regulations.
	erials to avoid	: Strong oxidizin	g agents
	kaging material	: Unsuitable mat	erial: None known.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
methomyl (ISO)	16752-77-5	TWA	2.5 mg/m3	CA AB OEL
		TWA	2.5 mg/m3	CA BC OEL
		TWAEV	2.5 mg/m3	CA QC OEL
		TWA (Inhal- able fraction and vapor)	0.2 mg/m3	ACGIH
Amorphous precipitated silica	112926-00-8	TWA (Res- pirable)	1.5 mg/m3	CA BC OEL
		TWA (Total)	4 mg/m3	CA BC OEL
		TWAEV (respirable dust)	6 mg/m3	CA QC OEL

### **Biological occupational exposure limits**

Components	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
methomyl (ISO)	16752-77- 5	Acetylcho- linesterase activity	In red blood cells	End of shift	70 % of an individual's baseline	ACGIH BEI
		Butyrylcho- linesterase activity	In serum or plasma	End of shift	60 % of an individual's baseline	ACGIH BEI

### Engineering measures

: Use only with adequate ventilation.

### Personal protective equipment

:

Respiratory protection

#### For exposures in enclosed areas: A respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (NIOSH approval number prefix TC-23C), or a canister approved for pesticides (NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter.

For exposures outdoors:

A NIOSH approved dust/mist filtering respirator with any R, P, or HE filter or with approval number prefix TC-21C.



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Hand	protection							
	marks	: Protective glove	es					
Eye p	rotection	: Safety glasses						
	and body protection		, applicators and other handlers who may be					
			concentrate must wear:					
			Long sleeved shirt and long pants					
		Chemical-resist	ant gloves					
		Chemical resist	ant footwear plus socks					
		Protective eyew	/ear					
		Chemical resist	ant apron					
		Protective eyew	/ear					
		Shoes plus soc	ks					
		Chemical-resist	ant gloves, Category A (such as butyl rubber					
		natural rubber,	neoprene rubber, or nitrile rubber), all greate					
		than or equal to	14 mils					
		Coveralls						
		PPE required for	or early entry to treated areas that is permitte					
		under the Work	er Protection Standard and that involves con					
		tact with anythir	ng that has been treated, such as plants, soil					
		or water, is:						
		Wear protective	e clothing such as gloves, apron, boots, or					
		coveralls, as ap						
		Mixers, loaders	, applicators and other handlers who may be					
			concentrate must wear:					
			hirt and long pants					
		Chemical-resist						
			ant footwear plus socks					
		Protective eyew						
		Chemical resist						
			other handlers exposed to the diluted mater					
		al must wear:	·					
		Long sleeved s	hirt and long pants					
		Chemical-resist						
		Shoes plus soc	0					
		Protective eyew						
Protec	ctive measures		g and other absorbent materials that have					
			or heavily contaminated with this product. Do					
		not reuse them.	•					
			turer's instructions for cleaning/maintaining					
			n instructions for washables exist, use deter-					
		gent and hot wa	ater. Keep and wash PPE separately from					
		other laundry.						
			/ and safety shower should be available.					
			tective clothing should be visually inspected					
			othing and gloves should be replaced in case					
			physical damage or if contaminated.					
			is product should follow label instructions for					
			tion when using this product.					
Hvaie	ne measures		dust or spray mist.					
, 9.0			ves, on skin, or on clothing.					
			proughly with soap and water after handling					
			ng, drinking, chewing gum, using tobacco, or					
		using the toilet.	is, shinking, chewing gain, doing tobacto, of					
			al protective equipment immediately after					
		handling this pr						
			0000					
			te of aloves before removing					
		Wash the outsid	de of gloves before removing. sible, wash thoroughly and change into clear					





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				PPE immediately if material gets inside. and put on clean clothing.
SECTIO	ON 9. PHYSICAL AND CHI	EMIC	CAL PROPERTIE	S
Ар	pearance	:	solid	
Co	lour	:	white, or, blue	
Od	lour	:	slight, sulphurou	S
Od	lour Threshold	:	not determined	
Во	iling point/boiling range	:	Not applicable	
Fla	ash point	:	Not applicable	
Ev	aporation rate	:	Not applicable	
Fla	ammability (solid, gas)	:	The product is n	ot flammable.
	per explosion limit / Upper mmability limit	:	No data availabl	e
	wer explosion limit / Lower mmability limit	:	0.096 g/L	
Va	pour pressure	:	No data availabl	e
Re	lative vapour density	:	Not applicable	
Re	lative density	:	1.2946 (25 °C)	
De	nsity	:	Not applicable	
So	lubility(ies) Water solubility	:	58 g/L (25 °C)	
Au	to-ignition temperature	:	Not applicable	
Vis	scosity Viscosity, kinematic	:	Not applicable	
Ex	plosive properties	:	Not explosive	
Ox	idizing properties	:	The substance of	r mixture is not classified as oxidizing.

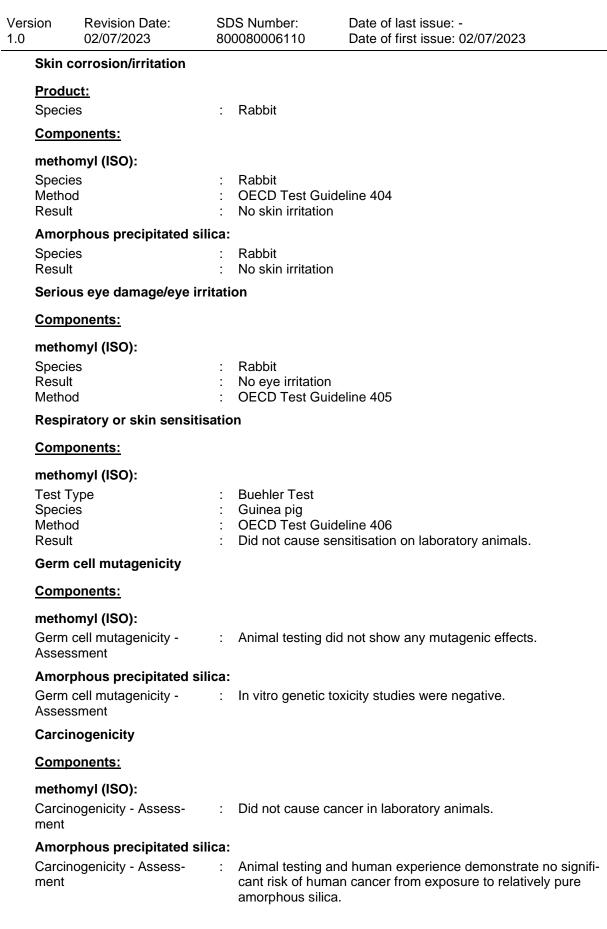
## SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability	:	Not classified as a reactivity hazard. No decomposition if stored and applied as directed. Stable under normal conditions.
Possibility of hazardous reac- tions	:	Stable under recommended storage conditions. No hazards to be specially mentioned. None known.
Conditions to avoid	:	None known.



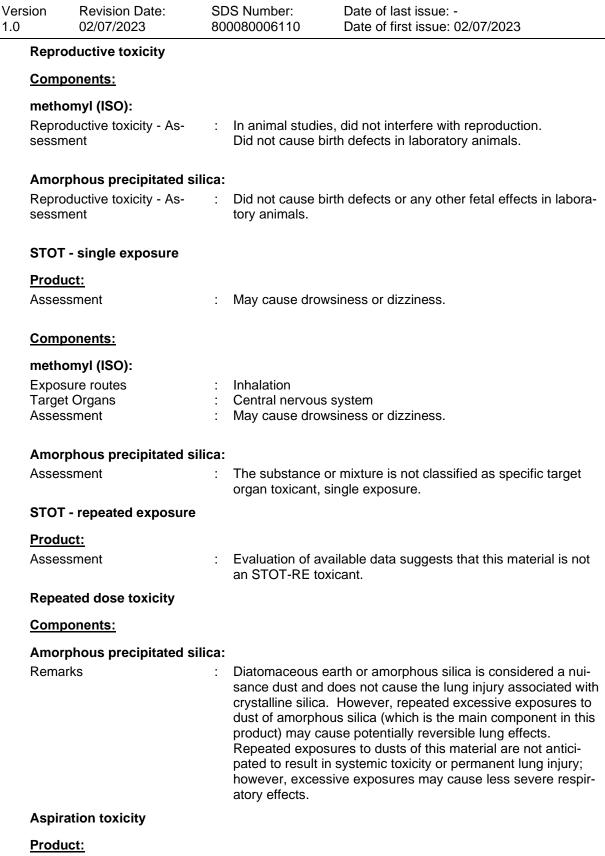
ersion .0	Revision Date: 02/07/2023		umber: 0006110	Date of last issue: - Date of first issue: 02/07/2023	
Incor	mpatible materials		ong acids		
Haza prod	ardous decomposition ucts	: De an De Ca Nit Hy Isc	<ul> <li>Strong bases</li> <li>Decomposition products depend upon temperature, air s and the presence of other materials.</li> <li>Decomposition products can include and are not limited t Carbon oxides</li> <li>Nitrogen oxides (NOx)</li> <li>Hydrogen cyanide (hydrocyanic acid)</li> <li>Isocyanates</li> <li>Sulphur oxides</li> </ul>		
ECTION	N 11. TOXICOLOGICAL	INFORM	ATION		
Acut	te toxicity				
Proc	duct:				
Acut	e oral toxicity	: LD(	50 (Rat): 23 m	ıg/kg	
Acut	e inhalation toxicity	Exp	50 (Rat): 0.25 posure time: 4 st atmosphere	h	
Acut	e dermal toxicity		50 (Rat): > 2,0 thod: US EPA	00 mg/kg Test Guideline OPP 81-2	
Com	<u>iponents:</u>				
meth	homyl (ISO):				
Acut	e oral toxicity	Met	hod: Directive	and female): 32 mg/kg e 67/548/EEC, Annex V, B.1. Central nervous system	
Acut	e inhalation toxicity	Exp Tes	oosure time: 4 st atmosphere		
Acut	e dermal toxicity			ale and female): > 2,000 mg/kg e 67/548/EEC, Annex V, B.3.	
Amc	orphous precipitated si	lica:			
	e oral toxicity		50 (Rat): > 5,0	000 mg/kg	
Acut	e inhalation toxicity	Exp Tes Met Syr Ass tion	nptoms: No d sessment: The toxicity	h	
Acut	e dermal toxicity	Met Ass	50: > 2,000 m hod: Estimate essment: The city		

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Based on physical properties, not likely to be an aspiration hazard.



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	<u>Comp</u>	oonents:			
		omyl (ISO): I on available informatio	n, a	spiration hazard co	ould not be determined.
	Based	phous precipitated sili	not		iration hazard.
SEC	Ecoto	12. ECOLOGICAL INFO	JRN	IATION	
	<u>Produ</u>	ict:			
	Toxici	ty to fish	:	LC50 (Oncorhynd Exposure time: 96 Test Type: static to Method: OECD To GLP: yes	est
				LC50 (Lepomis m Exposure time: 96 Method: OECD To GLP: yes	
		ty to daphnia and other c invertebrates	:	EC50 (Daphnia (v Exposure time: 48 Test Type: static t Method: OECD To GLP: yes	est
	Toxici plants	ty to algae/aquatic	:	ErC50 (Desmode Exposure time: 72 Method: OECD To GLP: yes	
	Toxici isms	ty to terrestrial organ-	:	Exposure time: 8 Method: OECD To GLP: yes Remarks: The tox ucts of similar cor	est Guideline 205 icological data has been taken from prod-
				Exposure time: 2 Method: US EPA Remarks: Oral The toxicological composition.	era (bees)): 0.00028 mg/kg d Test Guideline OPPTS 850.3020 data has been taken from products of simila e: Internal study report
				Exposure time: 2 Method: US EPA GLP: yes Remarks: Contac The toxicological composition.	Test Guideline OPPTS 850.3020



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Comp	oonents:			
	omyl (ISO): ity to fish	:	LC50 (Lepomis m Exposure time: 96 Method: OECD Te	
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
Toxici plants	ty to algae/aquatic	:	ErC50 (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
	ctor (Acute aquatic tox-	:	100	
icity) Toxici icity)	ty to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 35 Test Type: Early L	
	ty to daphnia and other ic invertebrates (Chron-	:	NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 0.0016 mg/l d
M-Fac	ctor (Chronic aquatic	:	10	
toxicit Toxici ganisi	ty to soil dwelling or-	:	LC50 (Eisenia feti Exposure time: 14 Method: OECD Te	
Toxici isms	ty to terrestrial organ-	:	LC50 (Anas platy Exposure time: 8 Method: OECD Te	
			LC50 (Colinus vire Exposure time: 8 Method: OECD Te	
			Exposure time: 2	era (bees)): 0.00028 mg/kg d Test Guideline OPPTS 850.3020
			Exposure time: 2	Test Guideline OPPTS 850.3020
				s virginianus (Bobwhite quail)): > 24.2 mg/kg I is highly toxic to birds on an acute basis ) and 50 mg/kg).
	phous precipitated sili ty to fish	ca: :	LC50 (Danio rerio Exposure time: 96 Test Type: Static	(zebra fish)): 5,000 - 10,000 mg/l s h

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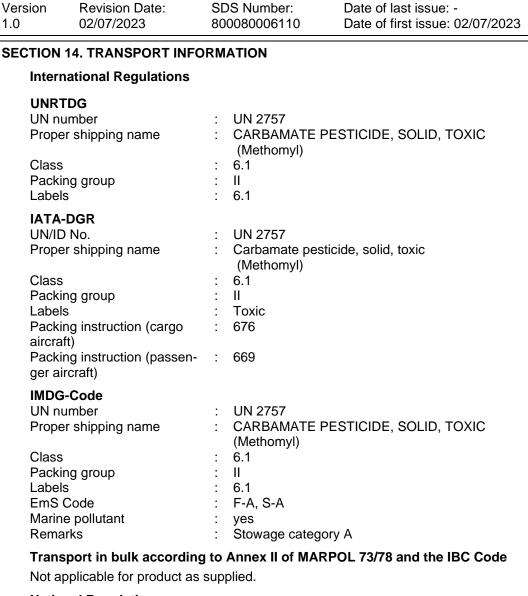


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	Toxicity to daphnia and other aquatic invertebrates		EC50 (Daphnia magna (Water flea)): > 10,000 mg/l Exposure time: 24 h Test Type: Static Method: OECD Test Guideline 202 GLP: yes		
	Toxicity to algae/aquatic plants		EC50 (Pseudokirchneriella subcapitata (green algae)): 440 mg/l End point: Biomass Exposure time: 72 h		
Persi	stence and degradabil	lity			
Com	ponents:				
	omyl (ISO): egradability	:	Result: Not readil	y biodegradable.	
Bioa	ccumulative potential				
Com	ponents:				
meth	omyl (ISO):				
Bioac	cumulation	:	Remarks: Does n	ot bioaccumulate.	
Partit	rphous precipitated sil ion coefficient: n- ol/water	ica: :	Remarks: Partitio ble.	ning from water to n-octanol is not applica-	
	<b>lity in soil</b> ata available				
Othe	r adverse effects				
Com	ponents:				
Amo	rphous precipitated sil	ica:			
	Its of PBT and vPvB	:	This substance h cumulation and to	as not been assessed for persistence, bioac- oxicity (PBT).	
Ozon	e-Depletion Potential	:		ubstance is not on the Montreal Protocol list at deplete the ozone layer.	
SECTION	13. DISPOSAL CONSI	DER	ATIONS		
Dispo	osal methods				
Wast	e from residues	:	to the product lab be in accordance	containers cannot be disposed of according bel directions, disposal of this material must with your local or area regulatory authorities presented below only applies to the material	

to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

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### **National Regulations**

TDG	
UN number :	UN 2757
Proper shipping name :	CARBAMATE PESTICIDE, SOLID, TOXIC (Methomyl)
Class :	6.1
Packing group :	II
Labels :	6.1
ERG Code :	151
Marine pollutant :	yes(Methomyl)

### **Further information**

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA Special provision A197, and ADR/RID special provision 375.

For Canadian Ground transportation TDG Exemption: 1.45.1 Marine Pollutants (Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, do not apply if they are in transport solely on land by road vehicle or railway vehicle).





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#### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### **SECTION 15. REGULATORY INFORMATION**

#### The components of this product are reported in the following inventories:

DSL

This product contains components that are not listed on the Canadian DSL nor NDSL.

Pest Control Products Act (PCPA) Registration Number : 10868

5

Read the PCPA label, authorized under the Pest Control Products Act, prior to using or handling this pest control product.

This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act (PCPA). There are Canada-specific environmental requirements for handling, use, and disposal of this pest control product that are indicated on the label. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Following is the hazard information required on the pest control products label: PCPA Label Hazard Communications:

Read the label and booklet before using. Keep out of reach of children.

#### DANGER POISON

May be fatal if swallowed, inhaled or absorbed through the skin or eyes. This product is toxic to fish, birds and other wildlife. This product is toxic to bees exposed to direct application. This product is toxic to: Aquatic organisms Birds Small wild mammals Bees Certain beneficial insects

### SECTION 16. OTHER INFORMATION

Information Source and References

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

#### Full text of other abbreviations

ACGIH ACGIH BEI	:	USA. ACGIH Threshold Limit Values (TLV) ACGIH - Biological Exposure Indices (BEI)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safe- ty, Schedule 1, Part 1: Permissible exposure values for air- borne contaminants
ACGIH / TWA	:	8-hour, time-weighted average
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA BC OEL / TWA		8-hour time weighted average
CA QC OEL / TWAEV	:	Time-weighted average exposure value



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AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Take notice of the directions of use on the label.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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